

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE <i>(ER 1130-2-3165)</i>						PAGE 1 OF 2	
TO: The Record						FROM: U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090	
RIVER/HARBOR NAME AND STATE: RARITAN RIVER, NEW JERSEY						MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD	
NAME OF CHANNEL	MAP FILE No. DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (n-miles)	DEPTH (feet)			
<u>Reach A:</u> Main Channel, Great Beds Light. Begins at Green Can #5 EBB; ends just E of Green Can #3 EBB.	Map 509 Pg 2 & 3 of 11 1 & 2 Aug 2005	300	.65	25	20.9	23.6	23.3
<u>Reach B:</u> Main Channel, South Amboy. Begins at Green Can #3 EBB; ends at NJ C.R.R. Bridge.	Map 509 Pg 3, 4 & 5 of 11 10, 11, 12, 13, 16 & 17 May 2005 and 1 & 2 Aug 2005	300	1.15	25	21.7	22.5	20.4
<u>Reach C:</u> Main Channel, Sandy Pt. Begins at NJ C.R.R. Bridge; ends at New Hwy 35 Victory Bridge.	Map 509 Pg 5 & 6 of 11 10, 11, 12, 13, 16 & 17 May 2005	300	.86	25	21.2	18.0	21.5
<u>Reach D:</u> Main Channel, Keasby. Begins at New Hwy 35 Victory Bridge; ends at Green Can #13 EBB.	Map 509 Pg 6, 7 & 8 of 11 10, 11, 12, 13, 16 & 17 May 2005 and 19, 20 & 21 July 2005	300	1.06	25	14.9	18.5	20.7
Remarks: <ol style="list-style-type: none"> 1. All depths are in reference to Mean Low Water (MLW). 2. Channel length is in nautical miles. 3. Reach A. Shoals are noted in: a. Left Outside Quarter (LOQ) and Middle Half (MH) running for most of the length & width of it; b. Right Outside Quarter (ROQ), between Green Can #5 and Red Bell #2 running for 600 ft. and seaward of Day Beacon #4 running for 700 ft. 4. Reach B. Shoals are noted in: a. LOQ and MH scattered along the length and width for about 50% of the area; b. ROQ, running for 1900 ft. landward of Day Beacon #4. 5. Reach C. Shoals are noted in: a. LOQ, running for 1400 ft. approximately centered around Green Can #7; b. MH starting 200 ft. landward of NJCRR Bridge and running for 300 ft. landward; c. ROQ, starting 200 ft. seaward of Red Light #6 and running for 500 ft. seaward. 6. Reach D. Shoals are noted in: a. LOQ, running for about 90% the full length; b. MH, starting around Green Can #7 running for about 700 ft. seaward and for about 1800 ft. between Green Can #11 and Green Can #13; c. ROQ, starting at Interstate Hwy 9 and running for about 1500 ft. seaward as well as from Interstate Hwy 9 landward throughout the rest of reach. 							

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<u>Reach E:</u> Main Channel, Red Root Cr. Begins at Green Can #13 EBB; ends at 1200 ft. seaward of Green Buoy #25 with Light EBB.	Map 509 Pg 8, 9 & 10 of 11 19, 20 & 21 July 2005	300	1.00	25	12.5	16.5	13.3
<u>Reach F:</u> Turning Basin. Begins at 1200 ft. seaward of Green Buoy #25 with Light EBB; ends at 700 Ft. landward of Green Buoy #25 with Light EBB.	Map 509 Pg 10 of 11 19, 20 & 21 July 2005	600	.31	25	1.3	5.4	13.0
<u>Reach J:</u> South Channel. Begins at Green Can #13 EBB; ends at NL- Industries / North of Property Line.	Map 509 Pg 8 & 11 of 11 19, 20 & 21 July 2005	300	.35	25	4.3	4.4	4.5
<u>Reach K:</u> South Channel. Begins at NL-Industries / North of Property Line; ends at NL-Industries / South of Property Line.	Map 509 Pg 11 of 11 19, 20 & 21 July 2005	300	.30	25	6.9	2.7	2.1
Remarks: 1. All depths are in reference to Mean Low Water (MLW). 2. Channel length is in nautical miles. 3. Reach E. Shoals are noted running for about the full length and width of the LOQ & MH and about 85% of the ROQ Area. 4. Reach F. Shoals are noted in: a. about 80% of the LOQ; b. running for about 60% of the MH; c. running for about 60% of the ROQ. 5. Reach J & K. Shoals are noted running for about the full length and width of the LOQ, MH and ROQ.							